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May 20, 2011

The Honorable Russell Pearce, Chair
Joint Legislative Budget Committee
Arizona House of Representatives
1700 West Washington St.
Phoenix, AZ 85007

The Honorable John Kavanagh, Vice Chair
Joint Legislative Budget Committee (JLBC)
Arizona State Senate
1700 West Washington St.
Phoenix, AZ 85007

Gentlemen:

Pursuant to A.R.S. § 41-3542C, the Government Information Technology Agency (GITA) is submitting its FY2011 third quarter (January to March 2011) report of expenditures and progress of the Public Safety Communications Advisory Commission (PSCC or Commission), including a review of staff operations. This quarterly report covers the activities of the Public Safety Interoperable Communications Office within GITA (GITA-PSIC), the PSCC and the Statewide Interoperability Executive Committee (SIEC), which is the operational/technical sub-committee of the PSCC.

Background

The PSCC was established to make recommendations to GITA-PSIC on the development of a standard based system that provides interoperability of public safety agencies' communications statewide[1]. GITA-PSIC and the Commission help to ensure that Arizona's public safety personnel, at all levels of government and within non-governmental organizations, have access to quality interoperable communication systems, are adequately trained, and utilize such systems effectively in multi-disciplinary, multi-jurisdictional incident response.

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[1] A.R.S. § 41-3542C Advisory commission; powers and duties; report

Executive Summary

Arizona's strategic interoperability initiatives leading to a statewide interoperability system are focused in five key areas: Governance; Standard Operating Procedures; Technology; Training/Exercise; and Usage/Outreach. The strategic initiatives in all five areas are published in Arizona's strategic plan for interoperability, entitled the Statewide Communications Interoperability Plan[2] (SCIP). Key FY2011 third quarter accomplishments are outlined below and include:

Governance *(SCIP Initiatives #1-3)*
- Annual SCIP Update *(SCIP Objective 1.1)*
- Strategic Planning & Assessment – NECP Goal Two Assessments *(SCIP Initiative 1)*
- Regional Governance Advancement *(SCIP Initiative 1)*
- Tactical Planning Project Progress – Develop TICPs and Expand the Utilization of CASM *(SCIP Objective 1.2)*
- Advance Statewide Public Safety & Communications Related Planning Efforts
- Technical Assistance Requests Receipt

Standard Operating Procedures (SOP) *(SCIP Initiative #4)*
- Policies, Standards and Procedures (PSP) Framework Progress *(SCIP Objective 4.1)*
- Development of AZ Broadband Framework *(SCIP Objective 4.1)*
- Interoperability Channel Plan and Priority Programming Guides Development *(SCIP Objective 4.2)*
- Policy Concerning Arizona Interagency Radio System (AIRS) Memorandum of Understanding (MOU) Requests from Non-Governmental Organizations (NGOs) *(SCIP Objective 4.2)*
- Development of Communications Unit Training Coordination Procedures *(SCIP Objective 4.3)*

Technology *(SCIP Initiatives # 5 – 9)*
- Progress on AIRS Suites *(SCIP Initiative 5)*
- Promote Functional Regional Systems *(SCIP Initiative 6)*
- Oversight of Statewide Microwave Backbone Infrastructure Upgrade to Digital Technology (DPS) *(SCIP Initiative 7)*
- Oversight of Strategic Technology Reserve (STR) Implementation (ADEM) *(SCIP Initiative 8)*
- State Agency Operability in support of Interoperability Progress *(SCIP Initiative 9)*
- Narrowbanding Updates

[2] http://www.azgita.gov/psic/initiatives

Training & Exercise *(SCIP Initiatives #10 - 11)*
- NECP Goal Two Observer Training Conducted
- AIRS Training Rollout Continues *(SCIP Objective 10.3)*
- Communication Unit Integration into National Incident Management System / Incident Command System (NIMS)/(ICS) Workshops Planned

Usage & Outreach *(SCIP Initiative #12)*
- Development of Statewide Education & Outreach Plan *(SCIP Objective 12.1)*
- Usage & Outreach Activities Continue
- Participate in National & Regional Meetings
- Conduct Public Meetings
- Prepare Reports & Grant Applications

Governance *(SCIP Initiatives #1-3)*

During FY2011 third quarter, GITA-PSIC made solid progress on SCIP Initiative #1: Expand and Implement Arizona's Interoperable Communications Governance Model and Plan, as outlined below:

Annual SCIP Update *(SCIP Initiative 1)* – Arizona developed the initial version of its SCIP in 2007. After a series of stakeholder public meetings and forums, this SCIP was approved by the PSCC in a meeting on November 28, 2007. An updated version of the SCIP was approved by the PSCC in an open public meeting on January 19, 2010.

In 2011, the SCIP was again updated pursuant to its annual review cycle. The annual revision process included consultations with the PSCC and SIEC; two public comment periods (March 23-30 and April 15-19); and interviews with key State and local personnel.

The objectives for the 2011 revision were:
- Update Statewide Assessment section to reflect advancements made in interoperability since 2010 SCIP
- Revise Strategy section to remove completed or no longer prioritized initiatives and objectives and to reflect newly prioritized initiatives and objectives
- Revise to reflect Arizona's commitment toward meeting the Federal Communications Commission (FCC) narrowbanding requirements
- Revise to reflect advancements in data interoperability and broadband
- Revise National Emergency Communications Plan (NECP) Alignment section to strengthen the depiction of AZ's commitment toward meeting NECP Goals
- Update regional and state systems information, as applicable
- Review all existing content for accuracy, currency, relevance and concise presentation.

Input on the DRAFT updated SCIP were requested from SIEC and PSCC, each at its February 15, 2011 meeting. The revised 2011 SCIP will be submitted to the PSCC for approval on April 19, 2011. The current 2010 SCIP Initiatives and Objectives are included as *Attachment A* and the proposed 2011 updated SCIP Strategic Initiatives & Supporting Objectives are included as *Attachment B*.

Strategic Planning & Assessment – NECP Goal Two Assessments *(SCIP Initiative 1)* - The NECP sets forth 3 key national goals for improved interoperability, operability, and continuity of communications. All Non-UASI (Urban Area Security Initiative) jurisdictions are required to demonstrate Goal Two compliance in 2011. Goal Two states: By 2011, 75 percent of non-UASI jurisdictions are able to demonstrate response level emergency communications within one hour for routine events involving multiple jurisdictions and agencies.

Federal DHS is requiring that each State measure capabilities and performance to demonstrate Goal Two compliance. The State has been making solid progress to demonstrate compliance with NECP Goal Two mandates as outlined in the "*Arizona's NECP Goal Two Performance Assessment Guide*" (Guide) (approved by PSCC on November 16, 2010). Accomplishments include:
*   Using the Guide as its principle project roadmap, the PSIC Office has moved from Phase I (Event Selection) which was completed in second quarter of FY2011, to making concurrent progress on Phase II (Pre-Planning), Phase III (Event Observation), and Phase IV (Completion of Assessment Documentation).
*   During Phase II (Pre-Planning), the PSIC Office invited over 56 observers based on their knowledge and experience with NIMS/ICS and interoperable communications to participate on observation team. Each observation team includes a PSIC project manager for team support, 1 to 2 PSIC Office Subject Matter Experts (SME), and 2 to 4 additional observers. Thirteen teams were formed from the volunteers consisting of 19 in-state observers, 4 out-of-state observers and 1 federal observer.
*   As part of Phase II (Pre-Planning), a Point of Contact (POC) for each non-UASI county was designated by the county to coordinate local efforts. The PSIC Office has been working with these POCs to help counties with pre-planning for the selected events, including submission of Communication Assets Survey and Mapping Tool (CASM) Import Spreadsheet data, submission of a Tactical Interoperable Communications Plan (TICP) Sections 1 & 2 or equivalent procedures, submission of an Incident Action Plan (IAP), preparation and instruction on the proper completion of Incident Command System (ICS) forms and documents, as well as planning and briefings with local command staff and public safety personnel.
*   Phase III (Event Observation) began during third quarter FY2011 with an observation in La Paz County. During this quarter, Santa Cruz County and Yuma County events were also observed.

- Phase IV (Assessment Documentation) began in Phase III as the observation teams began assessment documentation and creation of each County's After Action Report (AAR) the day after the assessed event.
- Phases II, III, and IV will continue through fourth quarter FY2011 and into first quarter FY2012.

An update regarding NECP Goal Two progress was provided at both the SIEC and PSCC meetings, each held on February 15, 2011.

Regional Governance Advancement *(SCIP Objective 1.1)* - GITA-PSIC continued efforts to advance regional governance in support of interoperable communications in Arizona. As documented below, efforts focused on assisting counties with reviewing existing interoperability governance structures/documentation, supporting development of Regional Interoperable Communications Plans (RICPs), and consultation with regional systems to improve governance processes. A Regional Governance Project update was given to SIEC at its March 15, 2011 meeting.

Planning of Regional Governance Workshops for Pinal and Gila Counties - The PSIC Office arranged for two half day regional governance workshops in Gila and Pinal counties. The workshops took place in third quarter of FY2011 (January 26 and 27). The workshops were designed to help advance Arizona's SCIP by bringing local communities together to develop regional governance structures for interoperable communications. Through facilitated discussion, current regional interoperability governance was reviewed and ways to enhance and develop the governance framework was discussed. The workshops were tailored to meet the needs and priorities of each county through pre-meeting conference calls by PSIC with Federal Department of Homeland Security (DHS)'s Office of Emergency Communications (OEC) and review of each County's communication related responses to Arizona's Target Capabilities Assessment (TCA) (gathered annually by Arizona Department of Homeland Security (AZDOHS)).

Mohave County Regional Interoperable Communications Plan (RICP) Preparation - The PSIC Office, in partnership with the Mohave County Emergency Managers Office, organized a RICP Development Workshop on March 3, 2011 in Mohave County. The workshop was the first key step towards developing a regional plan that identifies current and future requirements and documents the region's interoperable communications priorities. The workshop was facilitated by national experts hired by PSIC to assure that best practices and lessons learned from other regions around the country were applied. The regional plan will be aligned with the SCIP and the NECP. The completed RICP is scheduled for delivery in fourth quarter FY2011.

Tactical Planning Project Progress – Develop TICPs and Expand the Utilization of CASM *(SCIP Objective 1.2)* - During the third quarter of FY2011, GITA-PSIC continued planning and outreach activities to support local jurisdictions in development of Tactical Interoperable Communications Plans (TICP) and utilization of the Communications Asset Survey and Mapping (CASM) tool. Arizona's NECP Goal Two Performance Assessment Guide (approved by PSCC in November 2010) requires submission of CASM and some TICP policies and procedures

information in pre-planning for each NECP Goal Two event. This requirement has resulted in a significant increase in the CASM data statewide. PSCC received an update regarding CASM/TICP project progress (as part of the PSIC update) at its February 15, 2011 meeting.

Advance Statewide Public Safety & Communications Related Planning Efforts – PSIC engaged in additional statewide planning efforts as follows:
- Provided comments to Arizona Division of Emergency Management (ADEM) regarding State Emergency Response and Recovery Plan (SERRP).

- Provided comments to AZDOHS regarding State Homeland Security Strategy (SHSS) which AZDOHS posted for public view on February 28, 2011. This plan includes extensive focus on communications interoperability.

- Support Federal Emergency Management Agency (FEMA) and ADEM regarding a FEMA Emergency Communication Plan (ECP) Annex for Arizona.

- Presentation to SIEC at its February 15, 2011 meeting regarding 'Road to Plain Language' by Mesa Police Department.

Technical Assistance Requests Receipt – During third quarter FY2011, Arizona was informed it received three technical assistance awards. OEC's Interoperable Communications Technical Assistance Program (ICTAP) works to ensure, accelerate, and attain operable and interoperable emergency communications nationwide through the offering of technical assistance (TA) to States. Arizona received the following TA awards for 2011:

- TICP/TIC-FOG: Tactical Interoperable Communication Plan (TICP) & Tactical Interoperable Communications Field Operations Guide (TIC-FOG) (Phoenix UASI Request) (*SCIP Initiative 1.1*). Kick-off meeting conducted March 3, 2011.

- SPCL-TRBL - Native America Support for Fort Mohave Tribe. Field visit conducted March 29-31, 2011.

- TRG-COMT: All-Hazards Communications Unit Technician (COMT) Course (*SCIP Objective 10.5*). Scheduling pending federal budget resolution.

Standard Operating Procedures (SOP) *(SCIP Initiative #4)*
Policies, Standards and Procedures (PSP) Framework Progress *(SCIP Objective 4.1)* - During the third quarter of FY2011, GITA-PSIC continued the development process of a PSP framework for interoperable communications in Arizona. GITA-PSIC is working toward the establishment of a reliable PSP framework that enables stakeholders to implement interoperability projects consistently across the state. Development of this framework includes the solicitation and involvement of technical and operational SIEC workgroups as well as subject matter experts who will identify and define specific PSPs for each functional area. Drafts of the PSPs are reviewed by workgroups and posted online for public comment before being presented to the SIEC and PSCC for approval. Some particular areas of progress include:

Development of AZ Broadband Framework *(SCIP Objective 4.1)* - GITA-PSIC is actively supporting the standards-based development of wireless broadband systems in the 700 MHz public safety spectrum in Arizona. During the third quarter FY2011, GITA-PSIC participated in the National Public Safety Telecommunications Council (NPSTC) meeting held in San Antonio Texas (February 28 - March 1, 2011).

The SIEC was briefed during its March 15, 2011 meeting on broadband related developments at the National and State level. Items briefed included recent legislative activity, FCC activity, and SAFECOM and NPSTC activity. In addition a presentation was made on some of the proposed concepts for the planned National Public Safety Broadband Network. The committee was also updated on the project status of Arizona's waiver recipients - Mesa and Tucson. Additional broadband information is available at: http://www.azgita.gov/psic/BROADBAND.

Interoperability Channel Plan and Priority Programming Guides Development *(SCIP Objective 4.2)* – The SIEC is responsible for managing the interoperability channels in multiple radio bands. During the third quarter FY2011, the SIEC and their workgroups, with PSIC staff support, advanced efforts to develop an Interoperability Channel Plan. The DRAFT Plan documents nomenclature, common language protocols, FCC allocations and related programming requirements, licensing requirements, calling and tactical channels. The Priority Programming Guides (which are attachments to the Plan) are intended to standardize and increase interoperable communications throughout the state. The SIEC approved the Plan at their February 15, 2011 public meeting. Information is available at www.azgita.gov/psic/library/standards/default.htm. It is suggested each agency incorporate these channels into their channel plan the next time their radios are programmed, but no later than the narrowbanding deadline of January 1, 2013.

Policy Concerning Arizona Interagency Radio System (AIRS) Memorandum of Understanding (MOU) Requests from Non-Governmental Organizations (NGOs) *(SCIP Objective 4.2)* – The Arizona Department of Public Safety (DPS) requested recommendations from the SIEC on a policy permitting use of AIRS by Non-Governmental, Public Service and Secondary Responder Organizations. As awareness of AIRS has increased, a number of inquiries and requests from such organizations have been made to DPS and PSIC staff. The SIEC requested that PSIC staff work with the SIEC workgroups to develop a draft policy for fairly and uniformly permitting the use of AIRS by appropriate Non-Governmental, Public Service and Secondary Responders. The draft policy was reviewed by SIEC at its October 2010 meeting and approved by the SIEC at its February 15, 2011 meeting. PSCC received an update (during the SIEC update) regarding this approved policy at its February 15, 2011 meeting. The approved policy is available online at: http://www.azgita.gov/psic/library/standards/default.htm.

Development of Communication Unit Training Coordination Procedure *(SCIP Objective 4.3)* - PSIC, with input from ADEM, is developing an Arizona Communications Unit Training Coordination Procedure to support the offering of consistent and timely delivery of communication unit training courses to qualified individuals statewide.

The purpose of the procedure is to document the process that GITA and ADEM will follow when agencies interested in communications unit related trainings request a delivery of a course. The procedure describes the requirements for being an instructor in Arizona, how Arizona will develop a pool of qualified instructors, and how training requests will be coordinated. The procedure, reviewed by the SIEC on February 15, 2011 and approved by the SIEC on March 15, 2011 is based on best practices from Federal DHS and ADEM and builds on the COML recognition program (already developed for Arizona and approved by SIEC). PSCC received an update regarding progress on this policy at its February 15, 2011 meeting.

Technology *(SCIP Initiatives # 5 – 9)*
During FY2011 third quarter, GITA-PSIC continued advancing technology related SCIP Initiatives 5 to 9 as follows:

Progress on AIRS Suites *(SCIP Initiative 5)*
Long Mesa Site - On August 17, 2010, the SIEC approved a request from ADEM to install an AIRS repeater suite at the existing Bureau of Indian Affairs Truxton Canyon Agency's (BIA TCA) communication site at Long Mesa. The additional site will increase AIRS coverage in the previously underserved western part of Coconino County and will enable the Havasupai Tribe to receive AIRS coverage for the first time. The Long Mesa project will make use of one of three AIRS flyaway suites that belong to ADEM.

During third quarter FY2011 an MOU was reviewed and signed by ADEM. The agreement is awaiting action from the Bureau of Indian Affairs. During its February 15, 2011 meeting the SIEC discussed the AIRS channels that should be programmed in the suite. Installation is expected to be complete in the fourth quarter of FY2011. PSCC was updated regarding Long Mesa at its February 15, 2011 meeting (as part of the SIEC update).

Black Metal Site - An AIRS Suite was deployed at Black Metal during third quarter FY2011. The AIRS suite is programmed for both AIRS 3 and AIRS 4 to service both the original Lake Havasu area in Mohave County and the Parker area in La Paz County. This new coverage greatly improved La Paz County's ability to perform operations during their NECP Goal Two evaluation held in Parker on February 5, 2011 and will greatly help the area in the future. Updates on Black Metal were presented to SIEC and PSCC (as part of its SIEC update), each at its February 15, 2011 meeting.

Promote Functional Regional Systems *(SCIP Initiative 6)* - GITA-PSIC continues to work closely with regional/local partners around the State to further regional interoperability planning through meetings with local stakeholders and the NECP Goal Two assessment process. Some additional highlights are below:

PC-WIN - On January 27, 2011, PSIC staff attended the Pima County Wireless Integrated Network (PC-WIN) Executive Management Committee meeting held in Tucson. Topics presented included committee appointments, radio system project status updates, microwave system project status updates, updates on activities related to the design and construction of

the Pima Emergency Communications and Operations Center and Tumamoc Hill site approval status.

Mesa PD Communications Trailer - The SIEC was updated regarding the Mesa Police Communications Mobile Dispatch Trailer at its February 15, 2011 meeting. In 2009 Mesa Police received a UASI grant to develop a mobile communications dispatch trailer. The trailer capabilities, equipment specifications, and current status were reviewed. Significant challenges exist with the FCC licensing of the radio channels identified by the SIEC for the trunked repeater system. The City of Mesa has applied for a waiver from the FCC to license the frequencies and FCC action is currently pending. Once the licensing issues have been resolved, Mesa will begin coverage testing. PSCC also received an update regarding the Mesa project (as part of the SIEC update) at its February 15, 2011 meeting.

Coconino County - During the February 15th PSCC meeting, personnel from Coconino County provided the Commission with an annual update on events affecting communications in the Flagstaff region during 2010. The presentation highlighted challenges facing the public safety community in Coconino County including the impact of fires, floods and other natural disasters in the region.

Oversight of Statewide Microwave Backbone Infrastructure Upgrade to Digital Technology (DPS) *(SCIP Initiative 7)* – The microwave backbone digital upgrade project by DPS continues to make progress. Eight paths are planned by DPS for FY2011. For additional information, please contact Kevin Rogers of DPS' Wireless Systems Bureau.

Oversight of Strategic Technology Reserve (STR) Implementation (ADEM) *(SCIP Initiative 8)* – The SIEC was updated during its February 15th meeting regarding the status of the STR, including equipment configurations, capabilities and deployment procedures. Future plans for the STR were also discussed including current testing of the Harris Unity tri-band radios.

State Agency Operability in Support of Interoperability Progress *(SCIP Initiative 9)* – The State and its partners began implementation of a project (known as the RICO project) to advance communications interoperability along the southern Arizona border in third quarter FY2011. This project is a cooperative effort by the Yuma Regional Communications System (YRCS) and DPS to deploy standards-based P25 communications capability at six key transmitter sites along the southern region supported by DPS' upgraded digital microwave system. The project sponsored by PSIC and funded by anti-racketeering funds was approved by JLBC, PSCC and Information Technology Authorization Committee (ITAC) in 2010.

The project will provide high-level connectivity for existing and developing communication systems thus increasing interoperability capabilities during multi-jurisdictional multi-agency response and recovery, and mitigating impacts from critical incidents in the region. The following project milestones were completed during third quarter FY2011:

- Development of detailed project plan
- Completion of Intergovernmental Agreement between YRCS, DPS and PSIC-GITA
- Phase one equipment ordered

Narrowbanding Updates – "Narrowbanding" refers to a requirement by the FCC that all existing licensees on the VHF and UHF Spectrum implement equipment designed to operate on channel bandwidths of 12.5 kHz or less. Public safety licensees will need to convert or replace their existing VHF and UHF wideband (25 kHz) systems on or before January 1, 2013. Further, equipment will ultimately need to operate on bandwidths of 6.25 kHz or less. Currently no dead-line is set for this requirement.

Narrowbanding continued to be a key focus of the discussions at several national meetings attended by PSIC staff, including National Council of Statewide Interoperability Coordinators (NCSWIC), NPSTC and International Wireless Communications Expo (IWCE). The narrowbanding section of the PSIC website was strengthened significantly and a link to a new map graphically illustrating progress toward meeting the narrowbanding deadline was added.

Training & Exercise *(SCIP Initiatives #10 & 11)*
Accomplishments during the third quarter FY2011 by GITA-PSIC and its partners regarding Training and Exercise initiatives and objectives were as follows:

NECP Goal Two Observer Training Conducted – On February 3, 2011, PSIC sponsored an observer training course for volunteers who agreed to serve on observation teams participating in NECP Goal Two assessments. This class was attended by approximately 23 individuals from jurisdictions and agencies throughout the State. The training was conducted by OEC and equipped observation team members with knowledge of the procedures and processes involved in observing and reporting NECP Goal Two events.

Also see SOP section above regarding "Development of Communication Unit Training Coordination Procedure".

AIRS Training Rollout Continues *(SCIP Objective 10.3)* – The PSIC Office continues to receive requests from local and tribal jurisdictions for AIRS training materials The materials include a training DVD produced in cooperation with the Phoenix Fire Department, AIRS lesson plan, AIRS National Interoperability Field Operations Guide (NIFOG) stickers and an AIRS training presentation.

Communication Unit Integration into National Incident Management System / Incident Command System (NIMS)/(ICS) Workshops Planned – GITA-PSIC, through a grant from the Department of Homeland Security, began work to offer workshops to assist incident commanders, communications and operations staff, and public safety leadership to learn how to effectively integrate Communications Units into the NIMS/ICS. Each workshop will be facilitated by national experts in interoperable communications to assure that best practices and lessons learned nationally will be presented. This workshop was requested by multiple parties including from UASI jurisdictions based on their experience with NECP Goal One assessments.

The workshop will start with a review of ICS for emergency response and support personnel tasked with implementing the NIMS/ICS principles, organization, and functions and emphasize establishing an organization that allows for interoperable communications among all levels of the organization.

During the third quarter FY2011, GITA-PSIC issued a Request for Proposal and scheduled training courses in various locations around the state to accommodate participants from surrounding jurisdictions who have a desire to attend this training. The workshops will be conducted during fourth quarter FY2011 in Lake Havasu (Mohave County), Payson (Gila County), Phoenix (Maricopa County), Tucson (Pima County), and Sierra Vista (Cochise County). Additional workshops may be considered based on feedback from this initial set of meetings.

Usage & Outreach *(SCIP Initiative #12)*
Accomplishments during the third quarter FY2011 by GITA-PSIC regarding Usage and Outreach initiatives and objectives were as follows:

Development of Statewide Education & Outreach Plan *(SCIP Objective 12.1)* - The PSIC Office presented the draft Arizona Statewide Education and Outreach Plan to the SIEC at its March 15, 2011 meeting.

The purpose of the plan is to document the processes, messages, and activities to be used by all Arizona stakeholders as a resource for their outreach efforts. The plan describes the goals, messages, tactics, stakeholders and targeted topics for interoperability outreach. Annual reviews of the plan will be conducted by the PSIC Office. The plan was distributed for comment and stakeholders were encouraged to provide feedback, concerns and success stories. The Outreach and Education Plan will be posted to the PSIC website for public comment and presented to the PSCC for approval during the fourth quarter of FY2011.

Usage & Outreach Activities Continue - The PSIC Office conducted outreach to numerous partners through in-person meetings and regular e-mail communications through its extensive interested parties list. GITA-PSIC also participated in the following key meetings and activities during third quarter FY2011:

- Avondale Fire Department - January 4
- State Fire Mutual Aid Meetings - January 5; February 17; March 31
- Phoenix UASI Interoperable Communications Meeting - January 6, March 3
- Fire Chiefs' Meeting - January 6
- Statewide Communications Interoperability Plan (SCIP) Workshop (Pinal) – January 26
- Statewide Communications Interoperability Plan (SCIP) Workshop (Gila) – January 27
- Regional Wireless Cooperative (RWC) Meeting (Maricopa) – January 27
- PCWIN Executive Management Committee meeting (Tucson) – January 27
- NECP Goal Two Event Assessment (La Paz) – February 5
- Tucson UASI Meeting – February 9
- Verde Valley Fire Chiefs Meeting (Yavapai) - February 15
- Emergency Communication Plan (ECP) – Kick-off Meeting February 17; Migration Strategy Meeting March 8
- NASCAR Support (Maricopa County) – February 21-25
- Topaz Regional Wireless Cooperative (TRWC) Board Meeting - February 23
- National Emergency Communications Plan (NECP) Goal Two Preparation Meeting (Cochise) – February 24
- Mohave County Regional Interoperable Communications Plan (RICP) Meeting (Mohave) – March 3
- Arizona interagency Radio System (AIRS) Usage Exercise (Gila) – March 3
- NECP Goal Two Assessment – Midnight at the Oasis (Yuma) – March 4-7
- Meeting at Governor's Office with GITA Director / Update on RICO Project - March 8
- NECP Goal Two Planning Meeting (Pinal) – March 22
- East Valley AIRS Training (Apache) – March 22
- Mesa Communications Unit Meeting – March 23
- Santa Cruz County Chiefs Meeting - March 24
- NECP Goal Two Preparation Teleconference (Pinal) – March 25
- Phoenix UASI TA TICP/TIC-FOG Kick-Off (Maricopa) – March 29
- Fort Mohave Tribe Site Visit (Federal TA) – March 29-31
- NECP Goal Two Planning (Pinal County) – March 30
- NECP Goal Two Planning (Yavapai) – March 31
- Pinal County Emergency Management Meeting (Casa Grande) – March 31

The PSIC website is continuously updated with enhanced information regarding narrowbanding, NECP Goals, Communication Unit programs, CASM/TICPs, Interoperable Priority Channel Programming Guides, etc.

Participate in National & Regional Meetings - National & Regional Meetings during third quarter FY2011 included:
- Arizona Ambulance Association Conference (Laughlin, NV) - January 12-13
- Arizona Fire Districts Association (Laughlin, NV) – January 13-14
- Arizona Emergency Services Association (AESA) Mid-Year Conference – Glendale Regional Public Safety Training Center - January 18 (Delivered PSIC presentation).
- Casa Grande public safety building grand opening ribbon cutting ceremony & tour - PSIC Staff and federal public safety personnel attended - January 26
- Regional Emergency Communications Coalition Working Group (RECCWG) – January 27
- NPSTC Meeting - February 28-March 1 (Presentation to SIEC at its March 15th meeting)
- National Council of Statewide Interoperability Coordinators Executive Committee Conference Call – March 8
- International Wireless Communications Expo Conference (Las Vegas, NV) – March 9-11 (Presentation to SIEC at its March 15, 2011 meeting)
- California Emergency Management Meeting with FCC regarding narrowbanding and contraband cell phones in prisons – March 10
- Southwest Border Communications Working Group – March 16–17 (details below)
- Regional Four Corners Homeland Security Coalition – March 29 (details below)
- Continued participation on a national Interoperability Grants Working Group looking at recommendations for federal grant guideline updates
- Regional Emergency Communications Coordinator and Working Group Teleconferences.
- Participate in Federal Partnership for Interoperable Communications Conference Calls
- Participate in Weekly PSST-OAC (Broadband Waiver Recipient) meetings
- PSIC Office prepared national OEC newsletter article regarding Arizona's NECP Goal Two process

Southwest Border Communications Working Group **–** The SWBCWG provides a forum to identify and leverage infrastructure-sharing opportunities and to enhance interoperability among Federal, State, local, and tribal agencies implementing wireless infrastructure along the U.S.-Mexico border. PSIC staff along with stakeholders and federal facilitators participated in the SWBCWG meeting held in Rio Rico, AZ on March 16, 2011. Meeting topics included local and Federal efforts to establish interoperability, PSIC Office updates and current projects, FCC Narrowbanding, U.S.-Mexico Border Emergency Preparedness and Response program, OEC Regional Coordinators' presentation and status reports on cross border activities. A tour and demonstration on March 17th of the Nogales field office operations of the Customs and Border Patrol was also conducted. The next SWBCWG meeting will take place in Texas during fourth quarter FY2011.

Regional Four Corners Homeland Security Coalition (R4C) – On March 29th, 2011, the PSIC Office participated by conference call in the R4C Coalition meeting. R4C focuses on the Four Corners area where Colorado, Utah, New Mexico, and Arizona meet, taking a regional approach with impacted tribes and counties. The primary mission of the R4C includes building key

partnerships and cooperation to address interoperable communications, intelligence and information sharing, and the protection of critical infrastructure and key resources.

Conduct Public Meetings

<u>SIEC Meeting – February 15, 2011</u> – Agenda Items: AIRS MOU Requests from Non-Governmental Organizations; AZ Interoperable Channels Plan; Update on City of Mesa 700 MHz Interoperable Channel Usage; Update on Black Metal AIRS Site; Update on Strategic Technology Reserve & Long Mesa AIRS Suite; Annual SCIP Updates-Discussion of SIEC Related Initiatives; Communications Unit Training Procedures; NECP Goal Two Assessment Project update.

<u>PSCC Meeting – February 15, 2011</u> – Agenda Items: Annual SCIP Update; NECP Goal Two La Paz County; Flagstaff Regional Update; On the Road to Plain Language; SIEC Updates; PSIC Office Quick Key Updates and Next PSCC Meeting. *[Note: PSCC was updated regarding planned 2011 SIEC & PSCC meetings at its February 15, 2011 meeting as part of the PSIC Office Project Updates.]*

<u>SIEC Meeting – March 15, 2011</u> – Agenda Items: Communications Unit Training Procedures; Regional Governance Update; Statewide Education and Outreach Plan; Broadband National, NPSTC and AZ Updates; IWCE Conference Update; PSIC Office Project Updates.

Prepare Reports & Grant Applications

PSIC is the recipient of Federal Homeland Security grants. We submit quarterly reports of our progress under these grants to AZDOHS. We also worked on MOUs with local stakeholders on grants related to Communication Unit Training Field Day, Communication Unit Training Courses and Development of RICPs.

During third quarter FY2011, the PSIC Office partnered with local stakeholders from the North, South, Central and East regions to prepare and submit eight Homeland Security grant applications to AZDOHS (by the March 28th annual grant submission deadline). Interoperable communication grant applications submitted included NECP Compliance and Interoperable Communications Gap Closure (4 applications), Statewide TICP/TIC-FOG, CASM Access Policy and Procedures (1), All-Hazards COMT Training and Development (1), Interoperable Communications PSP/SOP Development (1), and Development of Tactical and Strategic Interoperable Communications Plans (1). We hope to learn the results of these grants in the fourth quarter FY2011.

<u>Budget</u>

For FY2011, $742,000 was appropriated from the General Fund to the Government Information Technology Agency for the public safety communications program. As of March 31, 2011, $381,199.22 had been expended or encumbered. A breakdown of expenditures by category is attached as *Attachment C: FY2011 Q3 GITA-PSIC Expenditures*.

GITA-PSIC continues to utilize vacancy savings and maximize federal grants to support its goal of advancing interoperable communications in Arizona in the most fiscally responsible manner. In this regard $90,110.75 was spent from federal homeland security grants by the PSIC Office during this quarter to support achievement of the results outlined in this report.

Remaining funding consisting of $2.2M of non-lapsing Anti-Racketeering Fund monies is described under "Technology: State Agency Operability in Support of Interoperability" section above. As detailed above, the project is proceeding as scheduled with expenditures expected to begin during the fourth quarter of FY2011.

Please don't hesitate to contact me with any questions you might have regarding activities of GITA-PSIC, PSCC and SIEC.

Best wishes,

Aaron Sandeen
State CIO & Director

Cc: Lisa Dee Meyerson, Manager, PSIC Office, GITA
        Matt Morales, Director of Intergovernmental Affairs, GITA
        Ted Nelson, Assistant Fiscal Analyst, Joint Legislative Budget Committee

Attachment A: AZ 2010 SCIP Strategic Initiative & Supporting Objectives
Attachment B: AZ Proposed 2011 SCIP Strategic Initiatives & Supporting Objectives
Attachment C: FY2011 Q3 GITA-PSIC Expenditures

Attachment A: AZ 2010 SCIP Strategic Initiative & Supporting Objectives

	ID	SCIP Section	Strategic Initiative & Objectives	Priority	Term	Lead
Governance	1	5.8.1.1	**Expand & Implement Interoperable Communications Governance Model & Plan**	High	Short (2010/2011)	PSIC Office
		1)	Conduct an annual review and update the SCIP as needed			
		2)	Develop TICPs and expand the utilization of CASM (2011)			
		3)	Strengthen the SIEC (2009).			
	2	5.8.1.2	**Develop Long-term Plan for Statewide Interoperability for Voice and Data**	Medium	Short (2011)	PSIC Office
		1)	Develop a Long-term Plan for Statewide Interoperability for Voice (2011)			
		2)	Develop a Long-term Plan for Statewide Interoperability for Data (2011).			
	3	5.8.1.3	**Develop and Implement Long-term Funding and Sustainability Strategy for Interoperable Communications**	Medium	Short (2011)	PSIC Office
		1)	Identify known local, state, tribal, federal and/or private funding streams that could be used to support interoperability			
		2)	Identify existing and projected interoperability projects in need of implementation and sustainment funding; determine funding requirements for each project			
		3)	Develop a statewide long-term interoperable communications funding plan.			
SOPs	4	5.8.2.1	**Establish a PSP Framework, and Implement PSPs, Including SOPS, for Statewide Interoperable Communications Solutions**	High	Short (2011)	PSIC Office
		1)	Develop a statewide interoperable communications PSP Framework			
		2)	Develop consistent interoperable communications SOPs and SOP templates			
		3)	Implement developed SOPs statewide.			
Technology	5	5.8.3.1	**Complete AIRS by Deploying Remaining AIRS Suites**	High	Short (2011)	DPS/WSB
		1)	Provide AIRS coverage for each of the 15 Arizona counties.			
	6	5.8.3.2	**Implement, Enhance and Promote Functional Regional Systems in Support of Interoperable Communications**	High	Long	Regional Partners
		1)	Encourage partnerships in regional shared systems			
		2)	Support the development of new regional shared systems			
		3)	Provide enhancements to existing regional shared systems			
		4)	Develop interoperability connections between regional shared systems.			
	7	5.8.3.3	**Upgrade the Statewide Microwave Backbone Infrastructure to Digital Technology**	High	Long (2017)	DPS/WSB
		1)	Complete the Microwave Southern Loop Connectivity (2010)			
		2)	Complete the Microwave Western Loop Connectivity (subject to funding availability)			
		3)	Complete the Microwave Northern Loop Connectivity (subject to funding availability).			
	8	5.8.3.4	**Implement the State STR**	High	Short (2010)	ADEM
		1)	Pre-position and secure mobile interoperable communications assets for immediate deployment to impacted areas statewide in an emergency or major disaster			
		2)	Provide redundant communications assets which can reconstitute basic public safety/service communications in the event of a catastrophic communication failure			
		3)	Augment COG capabilities by providing a reserve of communications assets to government officials.			
	9	5.8.3.5	**Upgrade Operable Communication Systems for State Agencies In Support of Interoperable Communications**	High	Long	DPS/WSB
		1)	Develop a plan to provide State Agency Users with continued access to operable public safety/service LMR communications in support of statewide interoperability			
		2)	Implement immediate solutions to enhance operable communication systems for State Agency Users in support of interoperable communications			
		3)	Implement upgrades to operable communication systems for State Agency Users in support of interoperable communications.			
Training & Exercises	10	5.8.4.1	**Develop and Implement a Training Plan to Address Interoperable Communications**	Medium	Short (2011)	PSIC Office
		1)	Develop regional multi-year communications-focused T&EPs			
		2)	Develop a statewide multi-year communications-focused T&EP			
		3)	Develop and implement AIRS training statewide			
		4)	Implement a COML Training Program and determine a credentialing protocol			
		5)	Implement a COMT Training Program and determine a credentialing protocol.			
	11	5.8.4.2	**Develop and Implement a Strategy for Exercises Focused on or Incorporating Interoperable Communications**	Medium	Short (2012)	PSIC Office
		1)	Develop regional multi-year communications-focused T&EPs			
		2)	Develop a statewide multi-year communications-focused T&EP.			
Usage & Outreach	12	5.8.5.1	**Create and Implement an Education and Outreach Plan in Support of Interoperable Communications**	Medium	Short (2010)	PSIC Office
		1)	Develop a statewide Education and Outreach Plan in support of interoperable communications that describes the plan for encouraging collaboration and educating policy makers and practitioners.			
		2)	Actively encourage and coordinate collaborative efforts to identify and address local, regional, tribal, and state barriers to advancing interoperability solutions and usage			
		3)	Travel to regions where interoperable communications are needed and conduct group and one-on-one meetings to understand first hand the challenges facing public safety and service agencies/organizations in advancing interoperable communications, and support stakeholders as they address these challenges			
		4)	Develop resources for interoperable communications to showcase success stories from across Arizona			
		5)	Develop partnerships with agency public information officers, communication managers, regional communication centers and emergency managers.			

Attachment B: AZ Proposed 2011 SCIP Strategic Initiatives & Supporting Objectives

	ID	SCIP Section	Strategic Initiative & Objectives	Term	Lead
Governance	1	5.8.1.1	**Expand and Implement Interoperable Communications Governance Model and Plan**	Short (2012)	PSIC Office
			1) Conduct an annual review and update the SCIP as needed		
			2) Continue to develop the relationship between and among statewide governance entities and evolving regional and local governance entities		
	2	5.8.1.2	**Develop Regional Communications Governance Structures**	Medium (2013)	PSIC Office
			1) Develop TICPs and expand the utilization of CASM		
			2) Support tactical communications planning among federal, state, local, and tribal governments at the regional interstate level (NECP milestone)		
	3	5.8.1.3	**Implement a Strategy for Supporting National Level Goals Applicable to Regional, State, Local and Tribal Interoperable Communications**	Long	PSIC Office
			1) Promote compliance with state, local and tribal objectives and milestones as listed in the NECP		
			2) Support assessment/demonstration of NECP goals at the state, local, and tribal level		
			3) Support implementation of FEMA and OEC initiatives		
			4) Promote compliance with evolving national public safety broadband standards and structures		
			5) Support narrowbanding in compliance with FCC mandates		
SOPs	4	5.8.2.1	**Establish a PSP Framework, and Implement PSPs, Including SOPs, for Statewide Interoperable Communications Solutions**	Short (2012)	PSIC Office
			1) Develop a statewide interoperable communications PSP Framework		
			2) Develop consistent interoperable communications SOPs and SOP templates		
			3) Implement developed SOPs statewide		
			4) Implement technical solutions to comply with established statewide PSPs		
			5) Develop a statewide public safety broadband integration/implementation strategy and related standards		
			6) Promote the use of plain language and decrease dependence on the use of coded substitutions (NECP milestone)		
Technology	5	5.8.3.1	**Enhance and Promote the AIRS Interoperable Communications Solution**	Short (2011)	PSIC Office/SIEC
			1) Provide enhanced AIRS coverage in areas requiring additional support		
			2) Develop and Implement a Next Generation AIRS Plan		
	6	5.8.3.2	**Implement, Enhance and Promote Functional Regional Systems in Support of Interoperable Communications**	Long	Regional Partners
			1) Encourage partnerships in regional shared systems		
			2) Support the development of new regional shared systems		
			3) Provide enhancements to existing regional shared systems		
			4) Develop interoperability connections between regional shared systems		
			5) Develop regional strategic technology assets and other communications redundancies		
			6) Program national interoperability channels into emergency responder radios (NECP milestone)		
	7	5.8.3.3	**Upgrade the Statewide Microwave Backbone Infrastructure to Digital Technology**	Long	DPS/WSB
			1) Complete the Microwave Southern Loop Connectivity (2010 - Complete)		
			2) Complete the Microwave Southwestern Loop Connectivity (subject to funding availability)		
			3) Complete the Microwave Northwestern Loop Connectivity (subject to funding availability)		
			4) Complete the Microwave Northern Loop Connectivity (subject to funding availability)		
	8	5.8.3.4	**Implement the State STR**	Short (2011)	ADEM
			1) Pre-position and secure mobile interoperable communications assets for immediate deployment to impacted areas statewide in an emergency or major disaster		
			2) Provide redundant communications assets which can reconstitute basic public safety/service communications in the event of a catastrophic communication failure		
			3) Augment COG capabilities by providing a reserve of communications assets to government officials		
			4) Define alternate/backup capabilities in ECPs (NECP milestone)		
	9	5.8.3.5	**Upgrade Operable Communication Systems for State Agencies in Support of Interoperable Communications**	Long	DPS/WSB
			1) Develop a plan to provide State Agency Users with continued access to operable public safety/service LMR communications in support of statewide interoperability		
			2) Implement immediate solutions to enhance operable communication systems for State Agency Users in support of interoperable communications		
			3) Implement upgrades to operable communication systems for State Agency Users in support of interoperable communications		
Training & Exercises	10	5.8.4.1	**Develop and Implement a Training Plan to Address Interoperable Communications**	Medium (2013)	PSIC Office
			1) Develop regional multi-year communications-focused T&EPs		
			2) Develop a statewide multi-year communications-focused T&EP		
			3) Implement AIRS training statewide		
			4) Implement the COML Training and Recognition Program and develop Arizona based federally approved COML instructors		
			5) Implement a COMT Training Program and determine a credentialing protocol		
	11	5.8.4.2	**Develop and Implement a Strategy for Exercises Focused on or Incorporating Interoperable Communications**	Medium (2013)	PSIC Office
			1) Develop regional multi-year communications-focused T&Eps		
			2) Develop a statewide multi-year communications-focused T&EP		
			3) Conduct exercises focused on or incorporating interoperable communications		
Usage & Outreach	12	5.8.5.1	**Create and Implement an Education and Outreach Plan in Support of Interoperable Communications**	Short (2012)	PSIC Office
			1) Develop and implement a statewide Education and Outreach Plan in support of interoperable communications that describes the plan for encouraging collaboration and educating policy makers and practitioners		
			2) Provide outreach to all stakeholders regarding NECP requirements and timelines		
			3) Provide outreach to all stakeholders regarding interoperable communications channels		
			4) Provide outreach to all stakeholders regarding FCC narrowbanding requirements and timelines		

Attachment C: FY2011 Q3 GITA-PSIC Expenditures

PUBLIC SAFETY COMMUNICATIONS COMMMISSION BUDGET FY 2011						
FY 11 Quarterly Expenditures						
Allocated Funds						
	ALLOCATED AMOUNT	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	REMAINING BALANCE
PERSONAL SERVICES	$ 458,500.00	$ 62,955.98	$ 71,526.68	$ 68,609.40		$ 255,407.94
ERE	$ 137,500.00	$ 49,432.90	$ 13,909.67	$ 13,291.88		$ 60,865.55
PROFESSIONAL/OUTSIDE SVCS	$ 31,000.00	$ 14,453.28	$ -	$ 4,354.22		$ 12,192.50
TRAVEL (IN STATE)	$ 5,000.00	$ 712.07	$ 729.82	$ 8,040.53		$ (4,482.42)
TRAVEL (OUT OF STATE)	$ 5,000.00	$ 718.39	$ 214.56	$ 536.20		$ 3,530.85
OTHER OPERATING EXPENDITURES	$ 96,000.00	$ 19,502.11	$ 35,014.59	$ 15,706.61		$ 25,776.69
CAPITAL EQUIPMENT	$ -	$ -	$ -			$ -
NON CAPITAL EQUIPMENT	$ 9,000.00	$ 1,490.33	$ -	$ -		$ 7,509.67
	$ 742,000.00					$ 360,800.78
QUARTERLY EXPENDITURES TOTALS		$ 149,265.06	$ 121,395.32	$ 110,538.84		
FY 11 TOTAL EXPENDITURES TO DATE				$ 381,199.22		